16g
Ac

ACME FACTORY • OAKLAND, CALIF.

ACME ROLLING DOORS

STEEL	manual
	hand crank
ALUMINUM	chain
WOOD	motorized

ACME CENTRAL METAL PRODUCTS, INC.
3246 ETTIE STREET • OAKLAND 8, CALIF.

SPECIFICATIONS: ACME STEEL ROLLING DOORS

SCOPE OF WORK: Furnish and install rolling doors, manufactured by ACME CENTRAL METAL PRODUCTS, INC., Oakland, Calif., or approved equal, complete with necessary operating mechanism and guides, in quantities as shown on the drawings.

CURTAIN: Curtains shall be constructed of interlocking slats, roll formed from copper bearing, hot-dipped galvanized steel. Galvanizing to be in accordance with ASTM Spec. A93-52T of 1.25 ozs. of pure zinc per square foot of flat metal. Each alternate slat to be fitted with malleable endlocks for protection against wear and to keep curtain in alignment. Curtain to be designed to withstand a wind load of 20-lbs. per square foot. Bottom bar to consist of two angles, back to back.

BARREL: Barrel shall be pipe or tubing of sufficient wall thickness to carry the curtain load with a maximum deflection not to exceed .03 inch per lineal foot of clear span. Spring counterbalance to be enclosed in barrel.

SPRING COUNTER BALANCE: Spring counter balance shall consist of oil tempered, helically wound springs. Spring counter balance to be adjustable from outside of bracket without removing hood.

BRACKETS: Brackets are to be fabricated from steel plate of sufficient thickness to support barrel and curtain.

BEARINGS: Bearings shall be "Oilite" or grease sealed ball bearings.

GUIDES: The guides shall be formed of standard rolled steel angles and of sufficient depth to retain curtains in place under a windload of 20-lbs. per square foot.

HOODS: Galvanized steel hoods will be furnished of not less than USS 24-gauge to enclose curtain roll.

PAINTING: All parts of the door shall be painted with a coat of rust-resistant paint after fabrication.

ERECTION: Doors to be erected according to details and erection instructions furnished by the manufacturer.

OPERATION: (NOTE: Insert one of the following:)

(a) Shall be operated manually by handle on bottom rail.

(b) Shall be chain operated by means of continuous hand chains working on sprocket wheels driving reduction gearing. Necessary pull on chain shall not exceed 35 lbs.

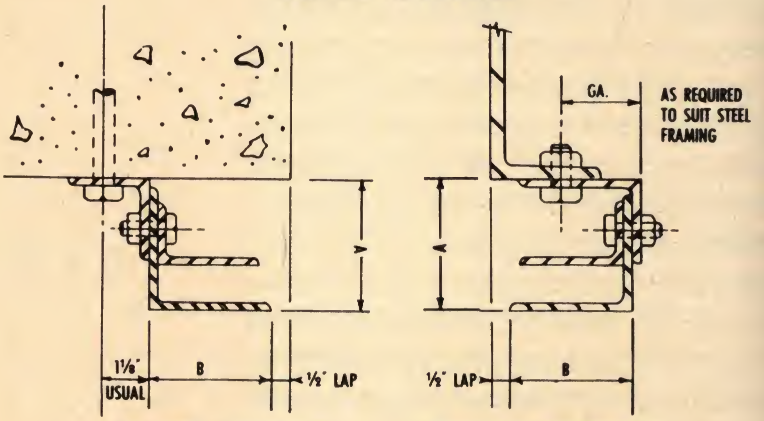
(c) Shall be operated by means of crank operator. The crank shall be located approximately 3′-6″ from floor and shall be geared to reduction gearing by proper spur and mitre gears.

(d) Shall be electrically operated with a self-integrated unit including a gear head motor, magnetic reversing switch, necessary limit switches, and "up", "down" and "stop" push button stations. The door shall be equipped with auxiliary chain operator for use in the event of failure of the electrical system. Emergency chain operator to be completely independent of motor and motor reduction gearing. No wiring or conduit shall be included in the contract.

GUARANTEE: Each Acme rolling door will be guaranteed free from defects in material or workmanship for a period of one year after date of installation.

Typical Small Slat Section

GUIDE DETAILS



GUIDE TYPE 1
MASONRY OPENINGS

GUIDE TYPE 2
STEEL JAMBS

	Opng. Width to 12′-6″	Opng. Width to 16′-0″
A	3¼″	3½″
B	2½″	3″

FOR DOORS WIDER THAN LISTED ABOVE, OR DOORS REQUIRING SPECIAL MOUNTING, REFER TO FACTORY.

STEEL · ALUMINUM · WOOD

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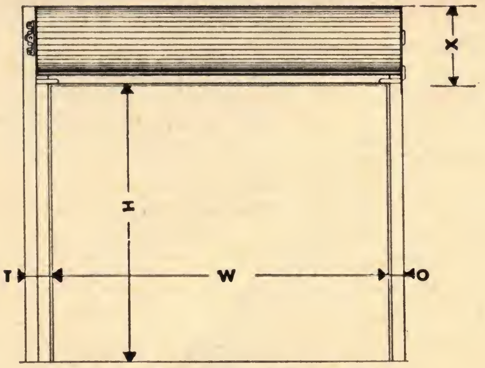
ADDITIONAL ACME FEATURES:

- CRANK OPERATION
- CHAIN THRU THE WALL OPERATION
- PASS OR PILOT DOORS
- WEATHERSTRIPPING
- DUST-PROOF

For information on the above, and for special conditions, please refer to factory.

MANUAL PUSH-UP

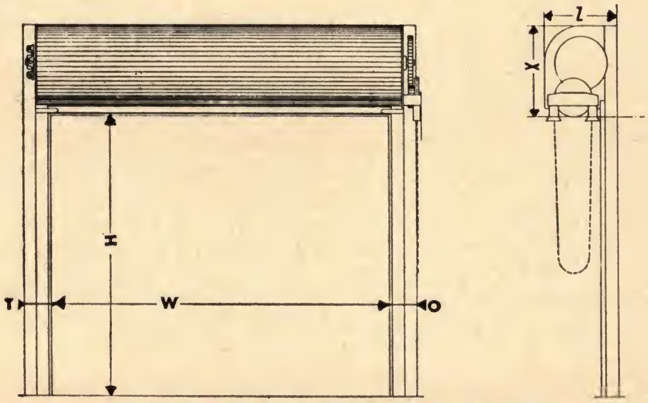
Face of Wall Mounted
FWM-1
Between Jambs Mounted
BJM-1



MANUAL PUSH-UP—FWM-1
8′-0″ Recommended Max. Height & Width

HAND CHAIN OPERATED

Face of Wall Mounted
FWHC-1-Inside
FWHC-2-Outside
Between Jambs Mounted
BJHC-Chain

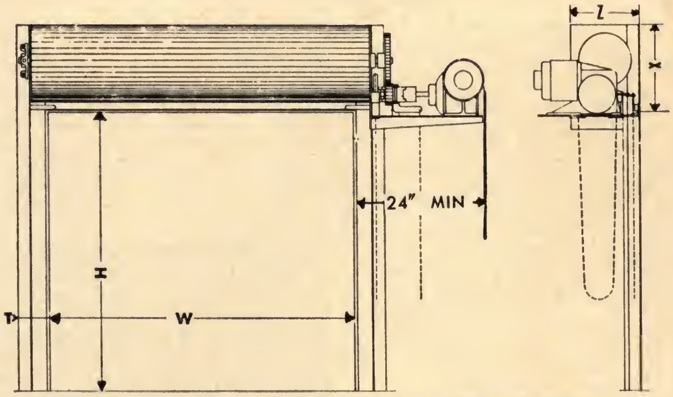


HAND CHAIN OPERATED—FWHC

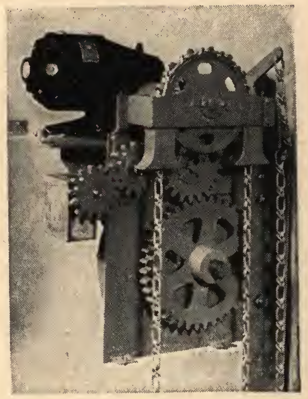
Compound geared chain operator.

MOTOR OPERATED

Side Mounted
Motor Operator
FWMO-1
Over the Hood
Motor Operated
FWMO-2



SIDE MOUNTED MOTOR OPERATED—FWMO



Over the hood motor operated.

CLEARANCE TABLE FOR ALL TYPE DOORS

HEIGHT	0′—10′-4″				10′-4″—12′-4″				12′-4″—14′-4″				14′-4″—17′-4″				17′-4″—18′-4″			
WIDTH	O	T	X	Z	O	T	X	Z	O	T	X	Z	O	T	X	Z	O	T	X	Z
0′ –14′-4″	8″	5½″	15½″	13″	8″	5½″	16½″	14″	8″	5½″	17½″	15″	8″	5½″	21″	18½″				
14′-4″–16′-4″	8½″	6″	17½″	15″	8½″	6″	17½″	15″	8½″	6″	19½″	17″	8½″	6″	21″	18½″	8½″	6″	23″	21″
16′-4″–24′-0″	9″	6½″	19½″	17″	9″	6½″	19½″	17″	9″	6½″	21″	18½″	9″	6½″	23″	21″	9″	6½″	23″	21″

HEIGHT	WIDTH	STEEL GAUGE	ALUM. GAUGE
0′ TO 8′-4″	0′ TO 13′-9″ 13′-10″ TO 20′-4″	22 20	18 18
8′-5″ TO 12′-4″	0′ TO 12′-9″ 12′-10″ TO 20′-4″	22 20	18 18
12′-5″ TO 24′-0″	0′ TO 12′-9″ 12′-10″ TO 18′-4″	20 18	18 16

For door FWMO-1 add 16 inches to "O" dimension for motor side clearance. For door FWMO-2 add 14 inches to "X" dimension for motor head room.

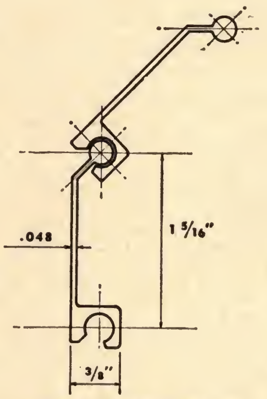
ACME ALUMINUM ROLLING DOORS

SPECIFICATIONS: ACME ALUMINUM ROLLING DOORS

The Aluminum Rolling Doors required by the drawings, and as hereinafter specified, shall be as manufactured by Acme Central Metal Products, Inc., Oakland 8, California, or approved equal.

QUALITY OF MATERIALS AND WORKMANSHIP: All materials shall be of the best quality of their respective kinds. Workmanship shall be equal to the highest standards of the industry.

CURTAIN: Curtain shall be fabricated from either extruded interlocking flat midget slats "Alloy 6063" alumilite finish (shown at right) for counter or small openings; or to be roll formed interlocking slats of alloyed aluminum 52S ½ hard, mill finish for service openings (for rolled slat gauges refer to chart on Page 3). Ends of alternate slats shall be provided with endlocks for protection against wear and to keep the curtain in alignment.



Detail of Extruded Aluminum Slat

BOTTOM BAR: The bottom rail shall be of extruded alloyed aluminum in one piece of proper width for the opening, formed to slide into slats of curtain.

All other door parts and components to be as per Rolling Steel Specifications on page 2.

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Acme Rolling Doors have become a recognized standard for architects, engineers and owners because of Acme's years of experience in the design and manufacture of industrial closures.

Complete design and engineering facilities are available at the factory for any opening requirement or problem. Write for whatever information is needed to assist in layout or planning.

Representative installations are located throughout the U.S. Write for name and address of Acme door installations nearest you.

All Acme doors are fully guaranteed, for a period of one year, against defects in material or workmanship. Emergency parts or service are available immediately from stock.

ACME WOOD ROLLING PARTITIONS

Acme Rolling Partitions for Schools:

Our Acme side-coiling partitions are in use throughout the entire United States. They are ideal for dividing school gymnasiums into boys' and girls' sections. Doors ranging to 50 feet in width and 20 feet in height have been in use for many years. They are easily cranked back into coil boxes when entire floor is required for league games or general assemblies of all kinds. Full electric operation also available.

For Churches:

Our Acme side-coiling partitions are widely used to divide assembly rooms into Sunday School classrooms or meeting rooms, or to separate meeting rooms from the main auditorium. Your rooms serve dual purposes.

For Hotels:

Increase convention revenue! Use dividing partitions in the assembly halls and sample rooms.

Agents Located In All Principal Cities of the U.S.—Write or Wire for Information

ACME CENTRAL METAL PRODUCTS, Inc.

P. O. Box 4313, Bayshore Annex, Oakland 8, Calif. • Phone: Olympic 2-2474

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